

In the Claims:

1-2. (Cancelled)

3. (Previously Presented) A method according to Claim 12, wherein, when there are more than one deferred location request against the target UE in activated state, for each of the deferred location request in activated state, performing by the LCS system the privacy check.

4. (Previously Presented) A method according to Claim 12, wherein performing a privacy check comprises:

for the deferred location request, the LCS system comparing saved information of the deferred location request with the updated privacy profile of the target UE, deciding whether the saved information of the deferred location request satisfies a condition of the target UE's updated privacy profile to allow the location information of the target UE to be provided to the LCS client, if the condition to allow the location information of the target UE to be provided to the client is satisfied, the deferred location request passing the privacy check; otherwise, if the condition is not satisfied, the location request not passing the privacy check.

5. (Currently Amended) ~~A method according to Claim 12,~~ A handling method after updating of privacy profile of a target UE, the method comprising:

when a location service (LCS) system is aware that a privacy profile of the target UE was updated, for a deferred location request in activated state against the target UE, the deferred location request being from a LCS client requesting for location information of the target UE, the LCS system performing a privacy check based on the updated privacy profile of the target UE, if the deferred location request passes the privacy check, the LCS system continuing to

handle the deferred location request;

otherwise, if the deferred location request does not pass the privacy check, the LCS system initializing a cancellation procedure to the deferred location request,

wherein the deferred location request is a UE available event location request, and initiating the cancellation procedure comprises the steps of:

a Gateway Mobile Location Center (GMLC) of the LCS system sending to a Core Network (CN) a request for cancelling the deferred location request, the cancellation request carrying an identification of the UE available event location request;

the CN deleting saved information corresponding to the UE available event location request in accordance with the received identification of the UE available event location request, and then sending to the GMLC a message of acknowledgement of the cancellation of the UE available event location request;

the GMLC deleting saved information corresponding to the UE available event location request in accordance with the identification of the UE available event location request upon receiving the acknowledgement message from the CN.

6. (Currently Amended) ~~A method according to Claim 12,~~ A handling method after updating of privacy profile of a target UE, the method comprising:

when a location service (LCS) system is aware that a privacy profile of the target UE was updated, for a deferred location request in activated state against the target UE, the deferred location request being from a LCS client requesting for location information of the target UE, the LCS system performing a privacy check based on the updated privacy profile of the target UE,

if the deferred location request passes the privacy check, the LCS system continuing to handle the deferred location request;

otherwise, if the deferred location request does not pass the privacy check, the LCS system initializing a cancellation procedure to the deferred location request,

wherein the deferred location request is a change of area event deferred location request, and the initiating the cancellation procedure to the deferred local request comprises the steps of:

a Gateway Mobile Location Center (GMLC) initiating to a Core Network (CN) a request for cancelling the change of area event location request, the request for cancelling carrying an identification of the change of area event location request, and the CN sending to the target UE a cancellation request carrying the identification of change of area event location request;

the target UE deleting information saved in the target UE corresponding to the change of area event location request in accordance with the identification of the change of area event location request upon the reception of the cancellation request from the CN, and sending to the CN a message of acknowledgement of the cancellation of the change of area event location request, and the CN forwarding to the GMLC the acknowledgement message for notifying the cancellation the change of area event location request;

the GMLC deleting saved information corresponding to the change of area event location request in accordance with the identification of the change of area event location request upon receiving the acknowledge message from the CN.

7. (Previously Presented) A method according to Claim 5, the method further comprising: the GMLC sending to the LCS client a notification for notifying the cancellation of the UE available event location request.

8. (Previously Presented) A method according to Claim 12, wherein the procedure of the location service system is aware that the privacy profile of the target UE was updated comprises:

a Privacy Profile Register (PPR) sending to a GMLC of the LCS system an LCS Privacy Profile Update Notification.

9. (Previously Presented) A method according to Claim 8, after the PPR sends the LCS Privacy Profile Update Notification, the method further comprising: the GMLC returning to the PPR an LCS Privacy Profile Update Notification ACK.

10. (Previously Presented) A method according to Claim 12, the method further comprising: the LCS system sending to the LCS client a notification of the cancellation of the deferred location request.

11. (Previously Presented) A method according to Claim 6, the method further comprising: the GMLC sending to the LCS client a notification of the cancellation of the change of area event deferred location request.

12. (Previously Presented) A handling method after updating of privacy profile of a target UE, the method comprising:

when a location service (LCS) system is aware that a privacy profile of the target UE was updated, for a deferred location request in activated state against the target UE, the deferred location request being from a LCS client requesting for location information of the target UE, the LCS system performing a privacy check based on the updated privacy profile of the target UE,

if the deferred location request passes the privacy check, the LCS system continuing to handle the deferred location request;

otherwise, if the deferred location request does not pass the privacy check, the LCS system initializing a cancellation procedure to the deferred location request.

13. (Currently Amended) A method according to claim 12, wherein, if the LCS client is allowed to have the location information of the target UE, the deferred location request passes the privacy check; if the LCS client is not allowed to have the location information of the target UE, the deferred location request does not pass the privacy check.

14. (Previously Presented) A method of claim 12, wherein initiating the cancellation procedure to the deferred local request comprises:

 sending, by a mobile location center, to a core network (CN) a cancellation request for requesting cancelling the deferred location request in activated against the target UE, wherein the cancellation request includes an identification of the deferred location request.

15. (Previously Presented) The method according to claim 12, wherein the privacy profile of the target UE is stored in a mobile location centre or a privacy profile register (PPR) of the location system.

16. (Previously Presented) A method in a communication network for handling a location request, the method comprising:

 when a stored privacy profile of a target UE was updated, performing a privacy check on the deferred location request based on the updated privacy profile of the target UE to verify whether the client is allowed to locate the target UE;

 if the client is not allowed to locate the target UE, initiating a cancellation procedure to the deferred location request;

 if the client is allowed to locate the target UE, continuing to handle the deferred location request.

17. (Previously Presented) A method of claim 16, wherein if the privacy profile of the target UE is stored in a mobile location center, the privacy check is performed by the mobile location center.

18. (Previously Presented) A method of claim 16, wherein if the privacy profile of the target UE is stored in a privacy profile register, performing the privacy check comprises:

requesting, by a mobile location center, the privacy profile register to perform the privacy check based on the updated privacy profile.

19. (Previously Presented) A method of claim 16, wherein performing the privacy check is implemented according to a condition of the target UE's updated privacy profile, the condition being about position authorization for the client to locate the target UE.

20. (Previously Presented) A method of claim 16, wherein initiating the cancellation procedure to the deferred location request comprises sending a cancellation request from a mobile location center to a core network requesting cancellation the deferred location request against the target UE.

21. (Previously Presented) A communication network comprising:

a location system communicatively connected with a target user equipment (UE) to be positioned and a client capable of requesting location information of the target UE,

wherein, when a stored privacy profile of the target UE was updated, the location system is adapted to perform a privacy check on a deferred location request in activated stated against the target UE, the deferred location request being from the client for requesting location information of the target UE, to initiate a cancellation procedure to the deferred location request

if the deferred location request passes the privacy check and to continue handling of the deferred location request if the deferred location request does not pass the privacy check.

22. (Currently Amended) A network of claim 21, wherein the location system comprises a mobile location center adapted to initiate the cancellation procedure to the deferred ~~store~~location request.

23. (Previously Presented) A network of claim 22, wherein the mobile location center is adapted to perform the privacy check on the deferred location request if the privacy profile of the target UE is stored in the mobile location center.

24. (Previously Presented) A network of claim 22, wherein, if the privacy profile of the target UE is stored in a privacy profile register (PPR), the mobile location center is adapted to request the PPR to perform the privacy check on the deferred location request.